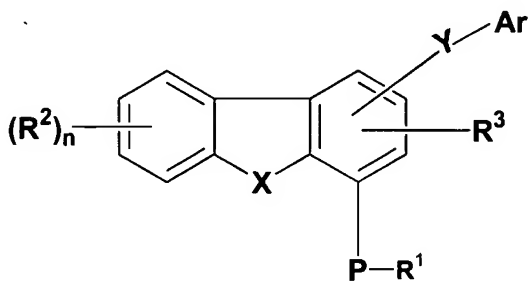


LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of the claims in the application.

1. (currently amended) A compound of general formula (1)



(1)

wherein:

R¹, R² and R³ may be same or different and are independently selected from the groups consisting of hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic ring, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, -C(O)-R¹, -C(O)O-R¹, -C(O)NR¹R¹, -S(O)_m-R¹, -S(O)_m-NR¹R¹, nitro, -OH, cyano, amino, formyl, acetyl, halogen, -OR¹, ~~halogen~~, ~~OR¹~~, -SR¹, or a protecting groups group or and when two R² substituents are ortho to each other, they may be joined to [[a]] form a saturated or unsaturated cyclic ring, which may optionally include up to two heteroatoms selected from O, NR¹ or S;

wherein P represents is oxygen or sulfur;

wherein n represents is an integer from 0 – 4;

Ar is substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, a substituted or unsubstituted heterocyclic ring or a substituted or unsubstituted heteroaryl ring;

X is oxygen, $S(O)_m$ or NR^5 ;

R^5 ~~represents~~ is hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or ~~unsubstituted~~ unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, $-C(O)-R^1$, $-C(O)O-R^1$, $-C(O)NR^1R^1$, $-S(O)_m-R^1$, $-S(O)_m-NR^1R^1$, nitro, $-OH$, cyano, amino, formyl, acetyl, ~~halogen, $-OR^2$~~ , halogen, $-OR^2$, $-SR^2$ or a and protecting groups group;

wherein m is 0, 1 or 2;

Y is $-C(O)NR^4$, $-NR^4SO_2$, $-SO_2NR^4$ or $-NR^4C(O)$;

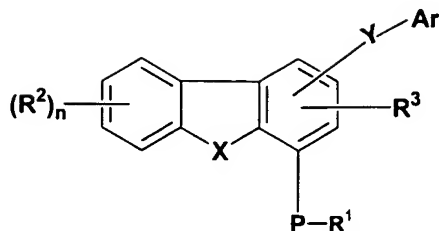
R^4 is hydrogen, substituted or unsubstituted alkyl, hydroxyl, $-OR^1$, $-COOR^1$, substituted or unsubstituted aryl, substituted or unsubstituted heterocyclic ring[[:]],

~~and their analogs, their tautomers, their regioisomers, their stereoisomers, their enantiomers, their diastereomers, their polymorphs, their pharmaceutically acceptable salts, their N-oxides, or their pharmaceutically acceptable solvates and their pharmaceutical compositions containing them or pharmaceutically acceptable salts~~ or an analog, tautomer, regioisomer, stereoisomer, enantiomer, diastereomer, polymorph, pharmaceutically acceptable salt, N-oxide, or pharmaceutically acceptable solvate thereof.

2. (currently amended) A compound according to claim 1 wherein the substituents in the 'substituted alkyl', 'substituted alkoxy', 'substituted alkenyl', 'substituted alkynyl', 'substituted cycloalkyl', 'substituted cycloalkylalkyl', 'substituted cycloalkenyl', 'substituted arylalkyl', 'substituted aryl', 'substituted heterocyclic ring', 'substituted heteroaryl ring', 'substituted heteroarylalkyl', 'substituted heterocyclalkyl ring', 'substituted amino', 'substituted alkoxycarbonyl', 'substituted cyclic ring', 'substituted alkylcarbonyl', or 'substituted

alkylcarbonyloxy' ~~and~~ may be the same or different ~~which and are~~ one or more of selected from the ~~groups such as~~ hydrogen, hydroxy, halogen, carboxyl, cyano, nitro, oxo (=O), ~~thio thio~~(=S), substituted or unsubstituted alkyl, substituted or unsubstituted alkoxy, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted amino, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, [[']]substituted heterocyclalkyl ring[[']] , substituted or unsubstituted heteroarylalkyl, substituted or unsubstituted heterocyclic ring, substituted or unsubstituted guanidine, -COOR^x, -C(O)R^x, -C(S)R^x, -C(O)NR^xR^y, -C(O)ONR^xR^y, -NR^xCONR^yR^z, -N(R^x)SOR^y, -N(R^x)SO₂R^y, ~~(=N-N(R^x)-R^y)~~ =N-N(R^x)(R^y), -NR^xC(O)OR^y, -NR^xC(O)OR^y; -NR^xR^y, -NR^xC(O)R^y-, -NR^xC(S)R^y-, -NR^xC(S)NR^yR^z-, -SONR^xR^y-, -SO₂NR^xR^y-, -OR^x, -OR^xC(O)NR^yR^z-, -OR^xC(O)OR^y-, -OC(O)R^x, -OC(O)NR^xR^y, -R^xNR^yC(O)R^z, -R^xOR^y, -R^xC(O)OR^y, -R^xC(O)NR^yR^z, -R^xC(O)R^x, -R^xOC(O)R^y, -SR^x, -SOR^x, -SO₂R^x, or -ONO₂, wherein R^x, R^y and R^z ~~in each of the above groups can be~~ are independently hydrogen atom, substituted or unsubstituted alkyl, substituted or unsubstituted alkoxy, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted amino, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, [[']]substituted heterocyclalkyl ring[[']] substituted or unsubstituted heteroarylalkyl, substituted or an unsubstituted heterocyclic ring[[',,]].

3. (original) The compound according to claim 1 wherein R¹ is substituted alkyl.
4. (original) The compound according to claim 3 wherein R¹ is CHF₂.
5. (original) The compound according to claim 1 wherein R¹ is unsubstituted alkyl.
6. (original) The compound according to claim 5 wherein R¹ is methyl.



(1)

wherein R¹, R² and R³ may be same or different and are independently selected from the groups consisting of hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclylalkyl, substituted or unsubstituted heteroarylalkyl, -C(O)-R¹, -C(O)O-R¹, -C(O)NR¹R¹, -S(O)_m-R¹, -S(O)_m-NR¹R¹, nitro, -OH, cyano, amino, formyl, acetyl, halogen, -OR¹ halogen, -OR¹, -SR¹, or a protecting group groups or and when two R² substituents ortho to each other, they may be joined to a form a saturated or unsaturated cyclic ring, which may optionally include up to two heteroatoms selected from O, NR¹ or S;

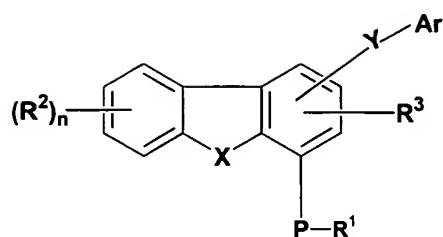
wherein P represents is oxygen or sulfur;

wherein n represents is an integer from 0 – 4;

Ar is substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, a substituted or unsubstituted heterocyclic ring or a substituted or unsubstituted heteroaryl ring;

X is oxygen, S(O)_m or NR⁵;

R⁵ is represents hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, -C(O)-R¹, -C(O)O-R¹, -C(O)NR¹R¹, -S(O)_m-R¹, -S(O)_m-NR¹R¹, nitro, -OH, cyano, amino, formyl, acetyl, ~~halogen~~, -OR² halogen, -OR², -SR² ~~and~~ or a protecting groups group;



(1)

wherein:

R¹, R² and R³ may be same or different and are independently selected from the groups consisting of hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, -C(O)-R¹, -C(O)O-R¹, -C(O)NR¹R¹, -S(O)_m-R¹, -S(O)_m-NR¹R¹, nitro, -OH, cyano, amino, formyl, acetyl, ~~halogen~~, OR¹ halogen, -OR¹, -SR¹, or a protecting group groups or and when two R² substituents are ortho to each other, they may be joined to form a saturated or unsaturated cyclic ring, which may optionally include up to two heteroatoms selected from O, NR¹ or S;

wherein P represents is oxygen or sulfur;

wherein n represents is an integer from 0 – 4;

Ar is substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, a substituted or unsubstituted heterocyclic ring or a substituted or unsubstituted heteroaryl ring;

X is oxygen, S(O)_m or NR⁵;

R⁵ represents is hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, -C(O)-R¹, -C(O)O-R¹, -C(O)NR¹R¹, -S(O)_m-R¹, -S(O)_m-NR¹R¹, nitro,

-OH, cyano, amino, formyl, acetyl, ~~halogen, -OR²~~ halogen, -OR², -SR² ~~and or a~~ protecting groups
group;

m is 0, 1 or 2;

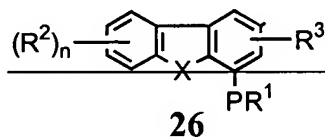
Y is -C(O)NR⁴, -NR⁴SO₂, -SO₂NR⁴ or -NR⁴C(O);

R⁴ is hydrogen, substituted or unsubstituted alkyl, hydroxyl, -OR¹, -COOR¹, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic ring ;

~~and their analogs, their tautomers, their regioisomers, their stereoisomers, their enantiomers, their diastereomers, their polymorphs, their pharmaceutically acceptable salts, their N-oxides, their pharmaceutically acceptable solvates and their pharmaceutical compositions containing them or a pharmaceutical acceptable salts thereof;~~

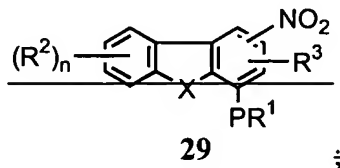
which comprises the steps of:

- (a) ~~nitrating the a~~ nitrating the a compound of general formula (26)

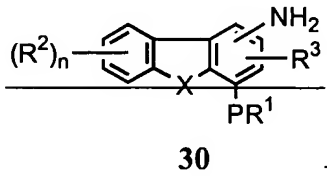


~~where the symbols are defined in the above~~

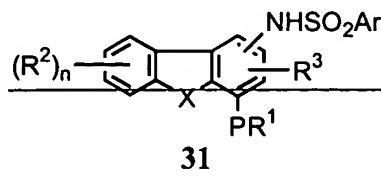
~~to yield the nitro compounds of general formula (29)~~



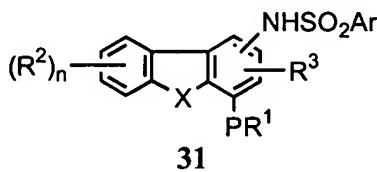
- (b) ~~reacting the compound of general formula (29) with a reducing agent to yield an~~ reacting the compound of general formula (29) with a reducing agent to yield an the amino compounds of general formula (30)



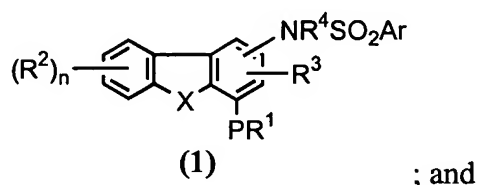
(e) ~~reacting the amino compounds compound of general formula (30) with ArSO_2Cl to yield a compound the compounds of general formula (31)~~



(d) ~~alkylating the a compound compounds of general formula (31)~~



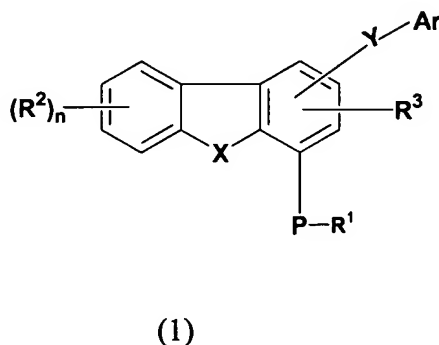
with an alkylating agent in the presence of a base to yield a compound ~~the compounds~~ of general formula (1)(f); and



; and

[[e)] (b) ~~optionally converting the compound compounds of formula (1) into the corresponding N-oxide N-oxides by the action of a peracid.~~

62. (currently amended) A process for the preparation of a compound ~~compounds~~ of general formula (1)



wherein:

R^1 , R^2 and R^3 may be same or different and are independently ~~selected from the groups consisting of~~ hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, $-C(O)-R^1$, $-C(O)O-R^1$, $-C(O)NR^1R^1$, $-S(O)_m-R^1$, $-S(O)_m-NR^1R^1$, nitro, $-OH$, cyano, amino, formyl, acetyl, halogen, $-OR^1$, $-SR^1$, ~~or a protecting group groups or~~ and when two R^2 substituents are ortho to each other, they may be joined to form a saturated or unsaturated cyclic ring, which may optionally include up to two heteroatoms selected from O, NR^1 or S;

wherein P represents is oxygen or sulfur;

wherein n represents is an integer from 0 – 4;

Ar is substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, a substituted or unsubstituted heterocyclic ring or asubstituted or unsubstituted heteroaryl ring;

X is oxygen, $S(O)_m$ or NR^5 ;

R^5 ~~represents~~ is hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or ~~unsubstituted~~ unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, $-C(O)-R^1$, $-C(O)O-R^1$, $-C(O)NR^1R^1$, $-S(O)_m-R^1$, $-S(O)_m-NR^1R^1$, nitro, $-OH$, cyano, amino, formyl, acetyl, halogen, $-OR^2$, $-SR^2$ and or a protecting ~~groups group~~;

m is 0, 1 or 2;

Y is $-NR^4C(O)$;

R^4 is hydrogen, substituted or unsubstituted alkyl, hydroxyl, $-OR^1$, $-COOR^1$, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic ring ;

~~and their analogs, their tautomers, their regioisomers, their stereoisomers, their enantiomers, their diastereomers, their polymorphs, their pharmaceutically acceptable salts, their N oxides, their~~

68. (currently amended) The method according to claim 67 wherein said inflammatory ~~condition or conditions~~ and immune ~~disorder is an disorders~~ are selected from the group consisting of inflammatory ~~condition-conditions~~ or immune ~~disorder disorders~~ of the lungs, joints, eyes, bowels, skin or and heart.

69. (currently amended) The method according to claim 68 ~~wherein~~ wherein said inflammatory condition is ~~chosen from the group consisting of~~ bronchial asthma, nepritis, or and allergic rhinitis.

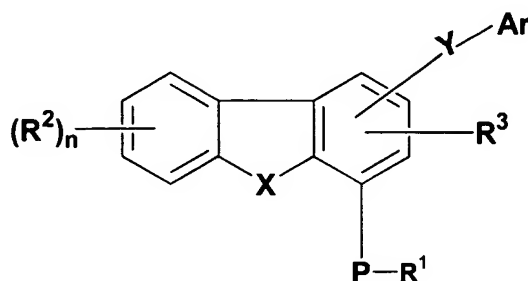
70. (currently amended) A method for abating inflammation in an affected organ or tissue comprising delivering to said organ or tissue a therapeutically effective amount of a compound ~~represented by a compound according to claim 1~~ claims 1-51 or 52.

71. (currently amended) A method of treating a disease ~~diseases~~ of the central nervous system in a subject in need thereof which comprises administering to said subject a therapeutically effective amount of a compound according to claim 1 ~~claims 1-51 or 52~~.

72. (currently amended) The method according to claim 71 wherein said disease ~~diseases~~ of the central nervous system ~~is~~ are ~~chosen from the group consisting of~~ depression, amnesia, dementia, Alzheimers disease, cardiac failure, shock or and cerebrovascular disease.

73. (currently amended) A method of treating insulin resistant diabetes in a subject in need thereof which comprises administering to said subject a therapeutically effective amount of a compound according to claim 1 ~~claims 1-51 or 52~~.

74. (New) A method for the preparation of a compound of general formula (1)



(1)

wherein R^1 , R^2 and R^3 may be same or different and are hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, $-C(O)-R^1$, $-C(O)O-R^1$, $-C(O)NR^1R^1$, $-S(O)_m-R^1$, $-S(O)_m-NR^1R^1$, nitro, $-OH$, cyano, amino, formyl, acetyl, halogen, $-OR^1$, $-SR^1$, a protecting group and when two R^2 substituents ortho to each other, they may be joined to a form a saturated or unsaturated cyclic ring, which may optionally include up to two heteroatoms selected from O, NR^1 or S;

P is oxygen or sulfur;

n is an integer from 0 – 4;

Ar is substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heterocyclic ring or substituted or unsubstituted heteroaryl ring;

X is oxygen, $S(O)_m$ or NR^5 ;

R^5 represents hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl, substituted or unsubstituted arylalkyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted heterocyclic group, substituted or unsubstituted heterocyclalkyl, substituted or unsubstituted heteroarylalkyl, $-C(O)-R^1$, $-C(O)O-R^1$, $-C(O)NR^1R^1$, $-S(O)_m-R^1$, $-S(O)_m-NR^1R^1$, nitro, $-OH$, cyano, amino, formyl, acetyl, halogen, $-OR^2$, $-SR^2$ or a protecting group;

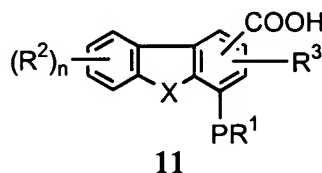
m is 0, 1 or 2;

Y is $-\text{C}(\text{O})\text{NR}^4$;

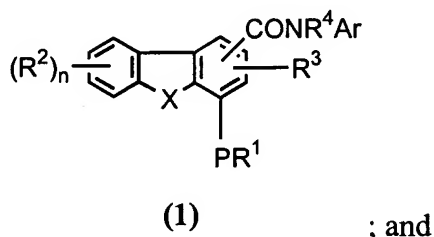
R^4 is hydrogen, substituted or unsubstituted alkyl, hydroxyl, $-\text{OR}^1$, $-\text{COOR}^1$, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic ring, or an N-oxide thereof;

comprising the steps of:

(a) reacting the compound of formula (11):



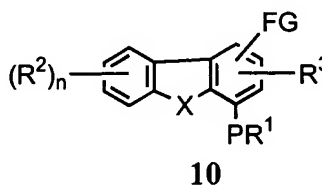
with an amine of the formula ArNHR^4 to yield a compound of formula (1)



(b) optionally converting the compound of formula (1) into its corresponding N-oxide.

75. (New) The method of claim 74 wherein the compound of formula (11) is formed by

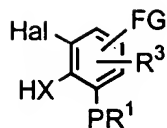
(a) converting the compound of general formula (10)



to general formula (11) wherein FG represents substituted or unsubstituted alkyl, formyl, cyano, halogen, nitro, amino or a carboxylic acid group.

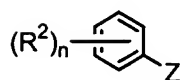
76. (New) The method of claim 75 wherein the compound of formula (10) is prepared by:

(i) reacting a compound of formula (13.a) with a compound of formula (23) under basic conditions



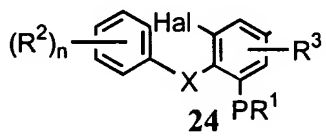
13.a

+



23

wherein Z is a halogen; FG is a substituted or unsubstituted alkyl, formyl, cyano, halogen, nitro, or amino; and Hal is halogen, to yield a compound of formula (24)

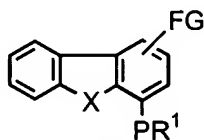


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(ii) cyclizing the compound of general formula (24) under palladium catalyzed coupling conditions to form a tricyclic compound of general formula (10).

77. (New) The method of claim 75 wherein the compound of formula (10) is prepared by:

(i) reacting a compound of general formula (25) with an electrophile

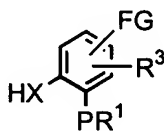


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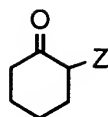
wherein FG is alkyl, formyl, cyano, halogen, nitro, or amino; to yield a compound of formula (10).

78. (New) The method of claim 75 wherein the compound of formula (10) is formed by:

(i) reacting a compound of general formula (13) with a compound of formula (20) under basic conditions

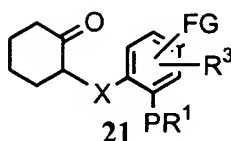


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to yield a compound of general formula (21)

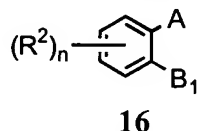


wherein FG is alkyl, formyl, cyano, halogen, nitro, or amino; and Z is a halogen; and

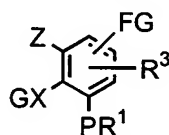
(ii) cyclizing the compound of general formula (21) under acidic conditions followed by oxidation to yield a tricyclic compound of general formula (10).

79. (New) The method of claim 75 wherein the compound of formula (10) is formed by:

(i) reacting a compound of formula (16) with a compound of formula (17)



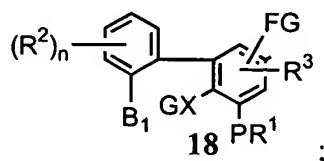
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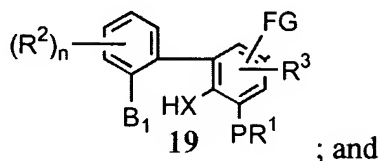
17

where A is halogen, -OMs, -OTs or -B(OH)₂; Ms is a methanesulfonyl group; Ts is a p-toluenesulfonyl group; B₁ is halogen; G is a protecting group selected from benzyloxycarbonyl, t-butyloxycarbonyl, isopropyl, cyclopentyl, allyl, acetyl and benzyl, FG is alkyl, formyl, cyano, halogen, nitro, or amino; and Z is halogen;

to yield a compound of formula (18)



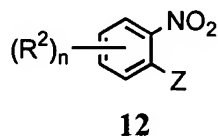
- (ii) deprotecting the compound of formula (18) to yield a compound of formula (19)



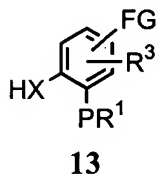
- (iii) cyclizing the intermediate of formula (19) under basic conditions to yield a tricyclic compound of formula (10).

80. (New) The method of claim 75 wherein the compound of formula (10) is prepared by:

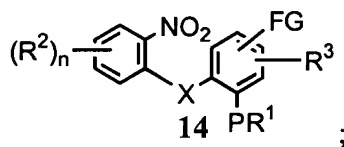
- (i) reacting a compound of general formula (12) where Z is a halogen



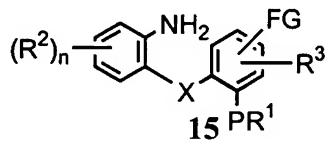
with an aromatic group of formula (13)



wherein FG is alkyl, formyl, cyano, halogen, nitro, or amino, under basic conditions to yield a compound of formula (14)

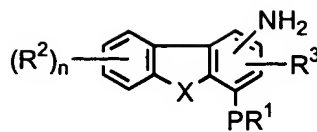


- (ii) reducing the compound of formula (14) to obtain a compound of formula (15)



- (iii) cyclizing of the compound of formula (15) to yield a tricyclic compound of formula (10).

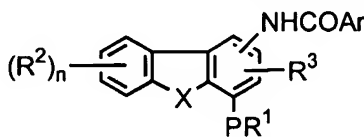
81. (New) The method of claim 75, wherein (i) FG is methyl and step (a) comprises oxidizing the compound of formula (10) with a manganese or chromium reagent to form a compound of



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;

- (c) reacting the amino compound of formula (30) with ArCOCl or a mixed anhydride of the formula ArCOOCOR^5 where R^5 is a substituted or unsubstituted alkyl, cycloalkyl, aryl, heterocyclic ring, heteroaryl, to yield a compound of formula (32)



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86. (New) A compound selected from

N-(3, 5-dichloropyrid-4-yl)-4-methoxy dibenzo[b,d]furan-1-carboxamide,
 N-(3, 5-dichloropyrid-4-yl)-4-methoxy dibenzo[b,d]furan-1-carboxamide-N1-oxide,
 N-(3,5-dichloropyrid-4-yl)-4-methoxy-8-nitro dibenzo[b,d]furan-1-carboxamide,
 N-(3,5-dichloropyrid-4-yl)-4-methoxy-8-amino-dibenzo[b,d]furan-1-carboxamide, or
 a pharmaceutically acceptable salt thereof.

87. (New) A compound selected from

N-(3, 5-dichloropyrid-4-yl)-4-difluoromethoxy dibenzo[b,d]furan-1-carboxamide,
 N-(3,5-dichloropyrid-4-yl)-4-difluoromethoxy-dibenzo[b,d]furan-1-carboxamide-N-oxide, or
 a pharmaceutically acceptable salt thereof.

88. (New) A compound selected from

N-(3,5-dichloropyrid-4-yl)-4-difluoromethoxy-8-nitro-dibenzo[b,d]furan-1-carboxamide,
 N-(3,5-dichloropyrid-4-yl)-4-difluoromethoxy-8-amino-dibenzo[b,d]furan-1-carboxamide, or
 a pharmaceutically acceptable salt thereof.

89. (New) A compound selected from

N-(3, 5-dichloropyrid-4-yl)-4-isopropoxy dibenzo[b,d]furan-1-carboxamide,

N-(3, 5-dichloropyrid-4-yl)-4-cyclopropylmethoxy dibenzo[b,d]furan-1-carboxamide
N-(3, 5-dichloropyrid-4-yl)-4-benzyloxy dibenzo[b,d]furan-1-carboxamide, or
a pharmaceutically acceptable salt thereof.

90. (New) A compound of claim 1 selected from

N-(pyrid-4-yl)-4-methoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-4-yl)-4-methoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(2-chloropyrid-3-yl)-4-methoxy-dibenzo[b,d]furan-1-carboxamide,
N-(4-fluorophenyl)-4-methoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-methoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-methoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(3, 5-dichloropyrid-4-yl)-4-methoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide,
N-(3, 5-dichloropyrid-4-yl)-4-methoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-4-yl)-4-methoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide,
N-(3, 5-dichloropyrid-4-yl)-4-difluoromethoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide,
N-(3, 5-dichloropyrid-4-yl)-4-difluoromethoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-4-yl)-4-difluoromethoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-4-yl)-4-difluoromethoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-3-yl)-4-difluoromethoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-difluoromethoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-2-yl)-4-difluoromethoxy-8-trifluoromethyl dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-4-yl)-4-difluoromethoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-4-yl)-4-difluoromethoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-3-yl)-4-difluoromethoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-difluoromethoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(5-chloropyrid-2-yl)-4-difluoromethoxy-dibenzo[b,d]furan-1-carboxamide, or
a pharmaceutically acceptable salt thereof.

91. (New) A compound of claim 1 selected from

N-(3, 5-dichloropyrid-4-yl)-4-cyclopropylmethoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-4-yl)-4-cyclopropylmethoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-4-yl)-4-cyclopropylmethoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-3-yl)-4-cyclopropylmethoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-cyclopropylmethoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(3, 5-dichloropyrid-4-yl)-4-hydroxycarbomethoxy-dibenzo[b,d]furan-1-carboxamide,
N-(3, 5-dichloropyrid-4-yl)-4-isopropoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-4-yl)-4-isopropoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-4-yl)-4-isopropoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-3-yl)-4-isopropoxy-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-isopropoxy-dibenzo[b,d]furan-1-carboxamide-N1-oxide,
N-(pyrid-4-yl)-4-methoxy-8-nitro dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-methoxy-8-nitro dibenzo[b,d]furan-1-carboxamide,
N-(3,5-dichloropyrid-4-yl)-4-methoxy-8-chloro-dibenzo[b,d]furan-1-carboxamide,
N-(3,5-dichloropyrid-4-yl)-4-methoxy-8-bromo-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-4-yl)-4-methoxy-8-bromo-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-methoxy-8-bromo-dibenzo[b,d]furan-1-carboxamide,
N-(3,5-dichloropyrid-4-yl)-4-methoxy-8-iodo-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-4-yl)-4-methoxy-8-iodo-dibenzo[b,d]furan-1-carboxamide,
N-(pyrid-3-yl)-4-methoxy-8-iodo-dibenzo[b,d]furan-1-carboxamide,
N-(4-methylpyrimid-2-yl)-4-methoxy-dibenzo[b,d]furan-1-carboxamide,
N-(2,5-dichlorophenyl)-4-methoxy-dibenzo[b,d]furan-1-carboxamide, or
a pharmaceutically acceptable salt thereof.

92. (New) A compound of claim 1 selected from

N-(3, 5-dichloropyrid-4-yl)-4-ethoxycarbomethoxy-dibenzo[b,d]furan-1-carboxamide,
N-(3, 5-dichloropyrid-4-yl)-4-methoxy-dibenzo[b,d]furan-2-carboxamide,
N-(3, 5-dichloropyrid-4-yl)-4-methoxy-dibenzo[b,d]furan-3-carboxamide,

N4-(4-methoxy-dibenzo[b,d]furan-1-yl) isonicotinamide,
N-(3, 5-dichloropyrid-4-yl)-4-methoxy-dibenzo[b,d]furan-1-sulfonamide,
N-(3,5-dichloropyrid-4-yl)-4-methoxy-8-cyano-dibenzo[b,d]furan-1-carboxamide,
3,5-Dichloro-4-(4-ethoxydibenzo[b,d]furan-1-ylcarboxamido)pyridine,
N1-Benzyl-4-cyclopentyloxydibenzo[b,d]furan-1-carboxamide,
4-(4-Cyclopentyloxydibenzo[b,d]furan-1-ylcarboxamido)pyridine,
3,5-Dichloro-4-(4-cyclopentyloxydibenzo[b,d]furan-1-ylcarboxamido)pyridine,
4-(4-Methylsulfanyldibenzo[b,d]furan-1-ylcarboxamido)pyridine,
N3-(4-Methoxydibenzo[b,d]furan-1-yl)nicotinamide,
N1-Benzyl-4-methoxydibenzo[b,d]furan-1-sulfonamide,
4-(4-Methoxydibenzo[b,d]furan-1-ylsulfonamido)pyridine,
3,5-Dichloro-4-(4-ethoxydibenzo[b,d]furan-1-ylcarboxamido)pyridine-*N*-oxide,
3,5-Dichloro-4-(4-cyclopentyloxydibenzo[b,d]furan-1-ylcarboxamido)pyridine-*N*-oxide,
N-Formyl-1-methoxy-4-[4-methoxyphenylaminosulphonyl]-9H-carbazole,
1-methoxy-4-[4-methoxyphenylaminosulphonyl]-9H-carbazole,
N-Formyl-1-methoxy-4-[4-methylphenylaminosulphonyl]-9H-carbazole,
1-methoxy-4-[4-methylphenylaminosulphonyl]-9H-carbazole,
1-methoxy-4-[4-methylphenylaminosulphonyl-N'-methyl]-9H-carbazole,
1-methoxy-4-[4-methylphenylaminosulphonyl-N'-methyl]-9methyl carbazole,
1-methoxy-4-[4-pyridinylaminosulphonyl]-9H-carbazole, or
a pharmaceutically acceptable salt thereof.

93. (New) A compound of claim 1 selected from

N4-(2,6-Dichlorophenyl)-1-methoxy-9H-4-carbazolsulphonamide,
N4-(2,6-Dichlorophenyl)-9-formyl-1-methoxy-9H-4-carbazolsulphonamide,
N4-(4-pyridyl)-1-methoxy-9H-4-carbazole carboxamide,
N4-(3,5-dichloro-4-pyridyl)-1-methoxy-9H-4-carbazole carboxamide,
N4-(3, 5-dichloro-4-pyridyl) -6-chloro-1-methoxy-9H-4-carbazole carboxamide,
N4-(3, 5-dichloro-4-pyridyl) -9-benzyl -6-chloro-1-methoxy-9H-4-carbazole carboxamide,

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3,5-Dichloro-4-(4-cyclopentyloxydibenzo[b,d]-thiophen-1-ylcarboxamido)pyridine,
N1 (4-methoxyphenyl)-4-methoxydibenzo[b,d]thiophene-1-carboxamide,
N1-(4-methoxyphenyl)-4-methoxydibenzo[b,d]thiophene-1-carboxamide-5,5-dioxide,
N1-(4-chlorophenyl)-4-methoxydibenzo[b,d]thiophene-1-carboxamide,
4-(4-methoxydibenzo[b, d]thiophene-1-ylcarboxamido)pyridine,
4-(4-Cyclopentyloxydibenzo[b,d]thiophene-1-yl-carboxamido)pyridine,
3,5-Dichloro-4-(4-cyclopentyloxydibenzo[b,d]-thiophen-5,5-dioxide-1-ylcarbox-amido)pyridine-N-oxide,
3,5-Dichloro-4-(4-methoxydibenzo[b,d]-thiophen-5,5-dioxide-1-yl-carboxamido) pyridine-N-oxide,
3,5Dichloro-4-(4-methoxydibenzo[b,d]-thiophen-5,5-dioxide-1-yl-carboxamido) pyridine,
3,5 Dichloro-4-(4-difluoromethoxydibenzo[b,d]-thiophen-1-ylcarboxamido) pyridine,
N1-(4-methoxyphenyl)-4-methoxydibenzo [b,d]thiophene-1-sulfonamide,
2-(4-Methoxydibenzo[b,d] thiophen-1-ylcarboxamido)-pyridine,
4-(4-Ethoxydibenzo[b,d] thiophen-1-yl-carboxamido)-pyridine,
N1-(4-methoxyphenyl)-8,N8-dimethyl-4-methoxydibenzo[b,d]thiophen-8,1-disulfo-amide,
3-(4-Methoxydibenzo[b,d] thiophen-1-ylcarboxamido)-pyridine,
3,5-Dichloro-4-(6-ethyl-4-methoxydibenzo[b,d]-thiophen-1- ylcarboxamido)pyridine,
3,5,dichloro-4-(4-ethoxy-dibenzo[b, d]thiophen-1-yl-carboxamido)pyridine,
3-(4-Methoxydibenzo[b,d]-thiophene-5,5-dioxide-1-ylcarboxamido)-pyridine,
3,5-Dichloro-4-(4-benzyloxydibenzo[b,d]-thiophen-1- ylcarboxamido)pyridine,
N-(3,5-dichloropyrid-4-yl)-4-difluoromethoxy-8-(pyrrolidine-2-one-1-yl)-dibenzo[b,d]furan-1-carboxamide, or
a pharmaceutically acceptable salt thereof.

95. (New) A compound selected from

